

THE COMMUNICATOR

SURREY AMATEUR RADIO CLUB

Volume II,

January 2007

Issue XXII



SNOWED OUT

THE APRS WORKSHOP WILL REPLACE THE REGULAR MEETING OF SARC AND WILL BE HELD ON SATURDAY FEBRUARY 10TH BETWEEN 9:30AM and 11:30AM AT NUMBER NINE FIRE HALL 14901 64TH AVENUE SURREY

(see map in this Communicator)

VE7SAR

VE7RSC



PRESIDENT- Anton James VE7SSD
VICE PRESIDENT - Heinz Buhrig VA7AQ
SECRETARY -Bob Buckland VE7FWZ
TREASURER - John Brodie VE7JBB
WEB SITE - <http://www3.telus.net/ve7sar/>
WEB MASTER - Hiu Yee VE7XYG
COMMUNICATOR EDITOR—Fred Orsetti VE7IO

CLUB NETS @ 8:00 P.M. Tuesday 147.36+

CLUB MAILING ADDRESS :
12160-Boundary Dr. S.
Surrey, V3X 2B7

THE JANUARY MEETING WAS CANCELLED BY PRESIDENT ANTON JAMES, VE7SSD DUE TO VERY BAD WEATHER CONDITIONS.

The Prez Sez

At the start of this New Year, 2007 may I wish all members a Happy New Year and may all be blessed with good health.

This January Communicator is being published and we regrettably did not have a Jan meeting , which I cancelled due to bad weather... along with the power outages, I trust members were not too adversely affected.....

Now life goes on and as a club, we enthusiastically look forward to a lively year.....

The Executive has met during December and have tried to develop a diverse program of activities for the coming year....the overview of the "Calendar of meetings and Events" may be found on the website or within this communicator...as time goes on details will be confirmed... I must call upon all membership to support these activities.....do spread the news and invite other Hams to our meetings.....we constantly need new ideas and the Executive needs to know what's on your mind, re:, events, projects, guest speakers etc.

SARC's executive has also recently met with the LARA executive. Both Clubs face similar challenges of falling membership levels and met to explore ways in which we can be mutually helpful ,,,Immediately recognized was the need for more open and timely communication between the clubs, and this will be established thru liaison officers....there will be opportunity for the clubs to jointly work on some events and mutually support/ attend each other's meetings.. This Executive feels, for the benefit of all, it is essential to develop inter club relationships and yet maintain individual club identity.

Excitedly, SARC now has the opportunity to have control of its own repeater. Fred, VE7IO, is instrumental in this venture and his further detailed report is elsewhere in the Communicator. This is a monumental positive step forward for SARC and my sincerest thanks to all involved and I call upon members to support this goal.

See you all, next meeting will be an APRS presentation on Feb 10th 2007....see detailed info in the flyer...note venue change ,.....also note this replaces our regular monthly classroom meeting of Feb 7th

73 Anton VE7SSD

A repeater for the city of Surrey

By Fred Orsetti VE7IO



In early December I was asked if we (SARC) would be interested in having space on top of the Central City building for a repeater site. My immediate reaction was this type of offer does not come along every day and I had better find out more. I contacted the Coordination Council for information on available repeater pairs for VHF and UHF. UHF pairs likely could be found but there was a waiting list for VHF pairs and the council advised that we try and find a repeater that we could share. This led to contacting Roger Anderson, VE7FZX who sponsors both VHF and UHF repeater pairs. Roger had indicated some time ago that his repeater was in need of updating and he would like to have someone take over moving and managing the repeater. As I had just taken over the coordination position for SEPAR I suggested that the repeater be available for Roger, SARC and SEPAR to which Roger agreed.

The repeater was removed from Roger's mother's home, as she no longer lives there, and taken into Bryan Farrar, VE7BFY for upgrading and tuning. This work was completed and the repeater moved temporarily to my QTH until the Central City site is ready. At this time it is on the air 147.36+ from my South Surrey home and is working extremely well. The UHF radios have been ordered and will be installed as soon as the preparation work is completed. The UHF frequency is 443.775+.

It was extremely heart warming how other hams came forward to help with this project and I have already had positive feedback from hams in Surrey.

Roger's donation of the repeater hardware and repeater pairs formed the foundation for us to move ahead. The new VHF transmitter and receiver are radios I had received from PEP some time ago and they do a very good job. The repeater six cavity duplexer has extremely good filtering. There is also a four cavity duplexer for UHF.

To date everything we have in operation was donated but we still have the UHF radios to install. Well, we needed about \$500.00 to complete this part of the project and Lloyd Hargrove's son Jim Hargrove, owner of Analytic Systems, stepped up to the plate and ordered the UHF Tait radios for us. Jim is not a ham but wanted to help out with this

community project and we were very thankful for his donation. Jim's company manufactures power supplies right here in Surrey and he has offered a commercial grade power supply for the repeater as well. You can find Analytic Systems at <http://www.analyticsystems.com/>

When in full operation both the VHF and the UHF repeaters will be rock solid with quality commercial hardware. Roger, Bryan and Jim Hargrove of Analytic Systems have provided the gear and the expertise to get this project off the ground. SARC, SEPAR and hams in Surrey are extremely fortunate to have a quality machine for use in Surrey.

A full report to the SARC general meeting will be given at the March meeting. All SARC members are encouraged to use the repeater. If you notice any areas in Surrey that are presently in a shadow with regards to working the repeater please let us know. Once the repeater is up on the Central City building we expect excellent coverage.

The SARC Tuesday net has been moved to the new repeater 147.36+ so please try to check in at 8:00pm.

Sponsors for this project are :

Roger Anderson, VE7FZX - Repeater

Bryan Farrar, VE7BFY – Technical

Jim Hargrove



SARC



SEPAR



Kjeld, VE7GP on the road

Kjeld and Inge are on the road for the winter and are presently in Southern California. We have had some QSO's on 80 meters at 3.725 MHz in the morning at 0730 also he has been on the same frequency at 2100 local time. His signal is not too strong but he has been readable. He may get on PSK31 later and we will let everyone know.

SEPAR Report



SEPAR is holding its first meeting of the year on January 26th at # 9 fire hall. We have two presenters, Ian Procyk, VE7HHS, to demonstrate grab-n-go kits and Bill Tracey, VE7QQ, to discuss EOC antennas and ergonomics. We are looking forward to a very interesting and informative meeting.

SEPAR is looking for more volunteers and with over 600 amateur licenses issued in Surrey we should be able to expand the volunteer base. Even allowing for hams that hold two or more calls and repeaters the number of active amateurs should be over 200, (a SWAG guess).

As the new coordinator of SEPAR I would like to have more communications exercises and training. These two areas of a volunteer group are the ones which will build experience and confidence.

As well, I would like to see SARC and SEPAR participate in more public service events related to functions in Surrey and with the City's support.
Fred Orsetti VE7IO

APRS Workshop

President Anton James is coordinating the upcoming workshop on APRS. If you have not already registered with him please make sure you do so soon as space may be limited.

Please read the flyer in this Communicator for full details.

To get you started here are a couple of websites which will give you some idea as to how APRS works and that it is world wide.

<http://www.db0anf.de/hamweb/aprsdb/showdata.php?cfrom=ve7io-1>

<http://www.crystalresort.info/mike>

Surrey Amateur Radio Club
Activity Schedule 2007

Jan. 8	Joint meeting SARC & LARA executive	Anton VE7SSD
Jan. 10	Regular club business meeting	Anton VE7SSD
Jan. 24	Executive meeting	Anton VE7SSD
Jan. 26	SEPAR organizational meeting	Fred VE7IO
Feb. 7	Regular club business meeting – CANCELLED in favour of the following...	
Feb. 10	Jim Hurrell VE7HUR presentation on APRS at No. 9 Firehall Training Centre (64 th Ave. & 149 St., Surrey – joint SARC/LARA event	Jim VE7HUR
Feb. 17	GOTA 2007 - Guides on the Air (SARC participation not confirmed)	
Feb. 21	Executive meeting	Anton VE7SSD
Mar. 7	Regular club business meeting	Anton VE7SSD
Mar. 17	LARA flea market, Aldergrove	LARA
Mar. 21	Executive meeting	Anton VE7SSD
Mar. 22	Joint SARC/LARA field day planning meeting	
Apr. 4	Regular club business meeting (LARA possibly host IRLP or Amber Alert presentation – to be confirmed, including date)	
Apr. 18	Executive meeting	
May 2	Regular club business meeting	
May 16	Executive meeting	
May 26	Bunny Hunt – joint SARC/LARA event	
June 6	Regular club business meeting	
June 7	LARA presentation on IRLP	
June 20	Executive meeting	
June 23/24	Field Day – joint SARC/LARA	
Sept. 8	Langley “Cruise-in” CNIB car raffle	LARA

WHAT IS APRS

Come and See the all New APRS
Presentation and Demo



February 10, 2007. (0930 - 1130 hrs)

Fire Hall 9 Annex, 14901 64th Ave. **Please Pre-Register**

Hosted by: Surrey Amateur Radio Club 147.360 (+)

No Fees or Registration Costs

What is A.P.R.S. anyway ?

***Mix, meet & mingle with others
for a morning of entertainment***



***and
learn the real meanings of;***



***"Fill in stations" "Trackers" "WideN-n",
"Alias" "Path" "Unproto"***

Watch demos of various free software programs

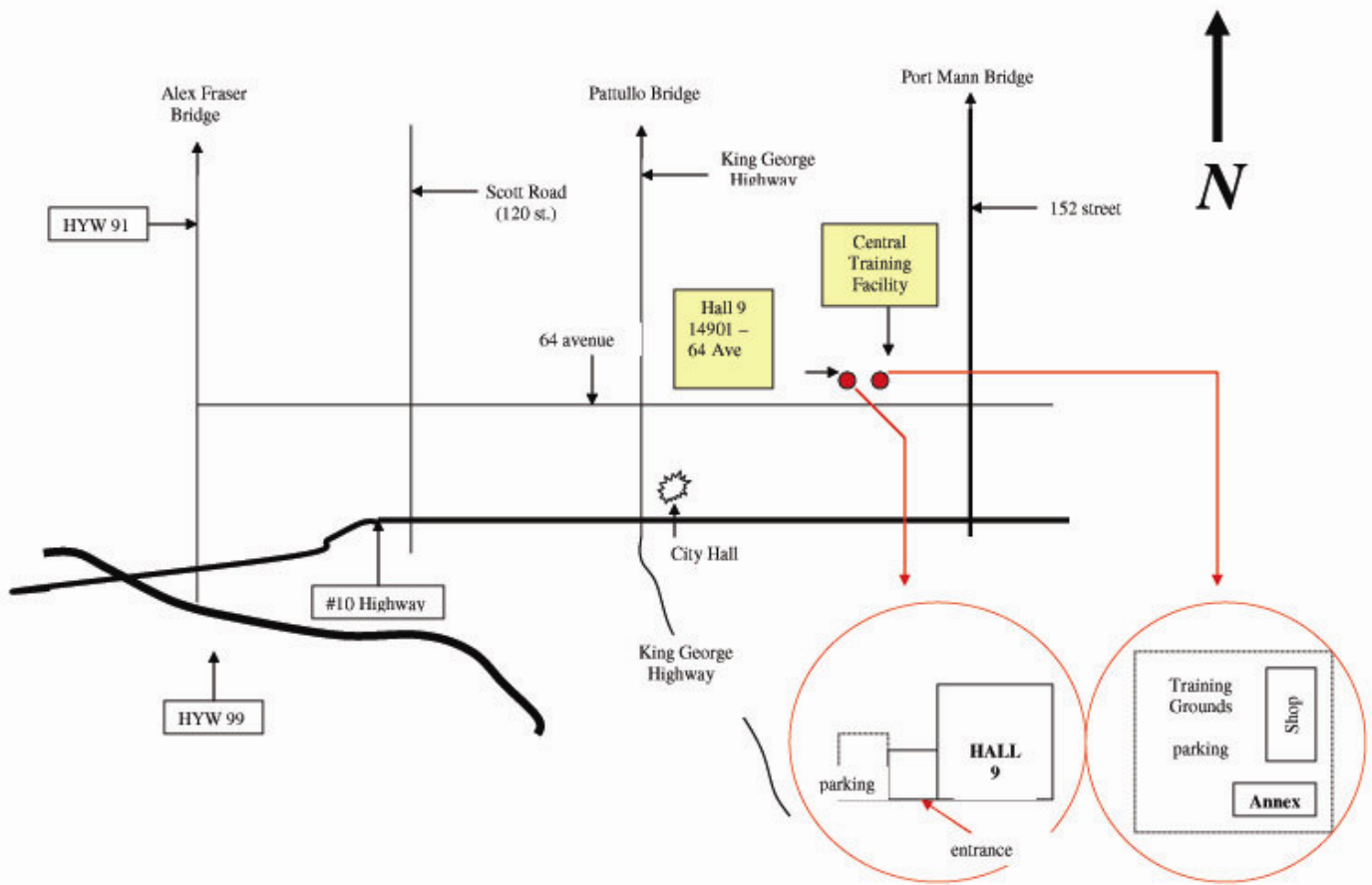
What can it do for you or your community

Equipment, set up requirements and costs

Bring in your home builts for the show and tell.

Register: (604) 531-2576 or jamesadf@shaw.ca or ve7io@arrrl.net

DIRECTIONS TO NUMBER NINE FIRE HALL TRAINING CENTER



Please remember that you have to enter at the fire hall entrance and come around the back of the hall to the building on the east side, the training center.